

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



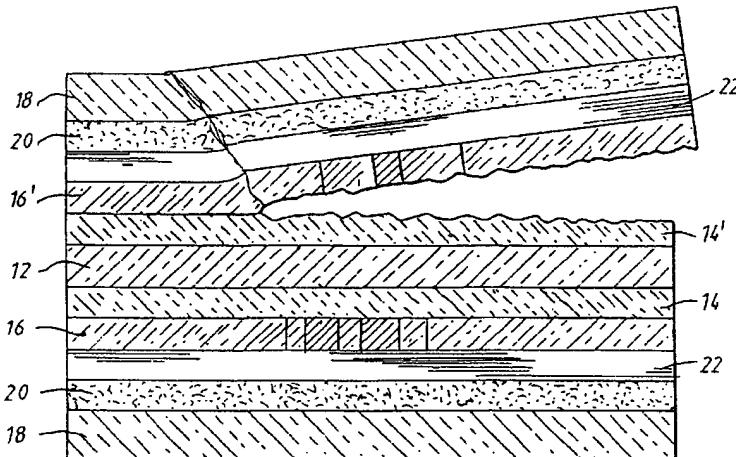
(43) International Publication Date
27 May 2004 (27.05.2004)

PCT

(10) International Publication Number
WO 2004/043708 A1

- (51) International Patent Classification⁷: B42D 15/10. (74) Agent: FREEHILLS CARTER SMITH BEADLE; Level 43, 101 Collins Street, Melbourne, Victoria 3000 (AU).
- (21) International Application Number: PCT/AU2003/001505 (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (22) International Filing Date: 14 November 2003 (14.11.2003) (84) Designated States (*regional*): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- (25) Filing Language: English (26) Publication Language: English
- (30) Priority Data: 2002952669 14 November 2002 (14.11.2002) AU
- (71) Applicant (*for all designated States except US*): SECURENCY PTY LTD [AU/AU]; Hume Highway, Craigieburn, Victoria 3064 (AU).
- (72) Inventor; and (75) Inventor/Applicant (*for US only*): NEMETH, Joshua, Robert [AU/AU]; 17/129 Ormond Esplanade, Elwood, Victoria 3184 (AU).

(54) Title: TAMPER EVIDENT SECURITY DOCUMENT



(57) **Abstract:** A laminated tamper evident security document (10) is provided which has a transparent or translucent support layer (12), first and second security layers (16, 16') on opposite sides of the support layer (12), first and second tamper evident layers (14, 14') between the support layer (12) and the security layers (16, 16') layers of printed information (22) over the security layers (16, 16') and polymeric outer layers (18). The security layers (16, 16') have security regions (26, 26') which together form a composite security device or image (30) to indicate an authentic security state. Upon exposure to predetermined conditions to delaminate the document, at least one of the tamper evident layers (14, 14') is arranged to destruct or otherwise affect at least one of the security layers (16, 16') to indicate an unauthentic state. In one embodiment each of the tamper evident layers (14, 14') are formed from a weakly coherent or adherent material having a glass transition temperature lower than that of the other layers so that the tamper evident layer (14) separates a portion of the document containing one of the security layers (16) from the remainder of the security document (10) containing the other security document.

WO 2004/043708 A1